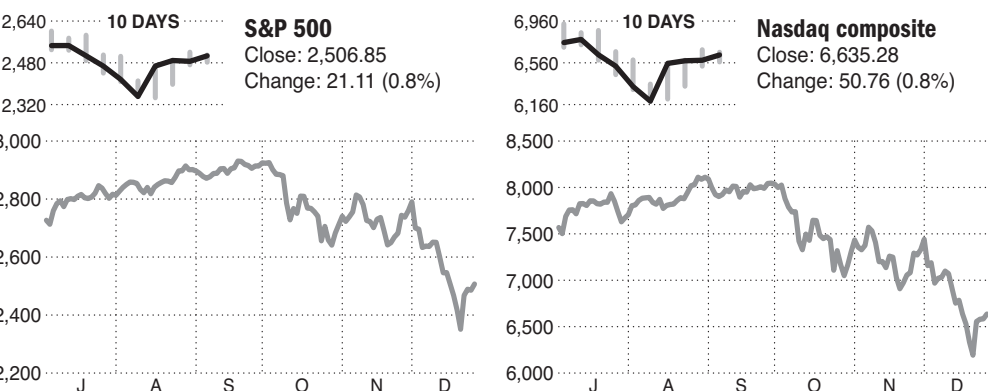


Money & Markets



Major indexes

Dow Jones	LAST	% CHG
30 industrial	23,327.46	+1.15
20 transp.	9,170.40	+.67
15 utilities	712.93	+1.14

Standard & Poor's	LAST	% CHG
500 Stocks	2506.85	+85
400 Mid-cap	1663.04	+1.01
600 Small-cap	844.94	+56

NYSE	LAST	% CHG
US 100	9,534.64	+95
Energy	9,341.44	+37
Financial	6,969.59	+64
Healthcare	15,158.38	+1.18

Nasdaq	LAST	% CHG
Industrials	5,401.05	+81
Financial	7,253.91	+59
Nasd Global Sel	3,123.94	+75
Nasd Global Mkt	1,910.81	+1.52

Other indexes	LAST	% CHG
Wilshire 5000	25,749.72	+82
Russell 1000	1,384.26	+87
Russell 2000	1,348.56	+80
Russell 3000	1,472.14	+86

Foreign markets	LAST	% CHG
Frankfurt	10,558.96	+1.71
London	6,728.13	-.09
Hong Kong	25,818.32	+1.23
Mexico	41,640.27	+44
Tokyo	20,014.77	...
Seoul	2,041.04	+62
Singapore	3,068.76	+50
Taipei	9,727.41	+89
Toronto	14,322.86	+71

NYSE

Volume	3,383,552,843
Advanced	2,304,646,343
Declined	1,053,663,648
Unchanged	25,242,852

Gainers	LAST	CHG	% CHG
MFC Bcp	5.20	+74	+16.6
BitautoH	24.77	+2.06	+9.1
BarnesNob	7.09	+5.09	+9.1
JustEn pfA	18.44	+1.49	+8.8
Invitae n	11.06	+88	+8.6
JHardie s	11.74	+90	+8.3
Dell C n	48.87	+3.44	+7.6
Zymewks n	14.68	+1.03	+7.5
Costmr pFC	21.19	+1.44	+7.3
BP MidPt n	15.54	+1.04	+7.2

Losers	LAST	CHG	% CHG
Aphria n	5.69	-.57	-9.1
CampWrl n	11.47	-.93	-7.5
SummitMP	10.05	-.75	-6.9
ION Geo rs	5.18	-.38	-6.8
ChinaDEd	6.70	-.41	-5.8
GSCI37	19.30	-1.18	-5.8
BP Pru	21.64	-1.32	-5.7
Amrep	5.95	-.35	-5.6
TeekOf pFE	17.90	-1.06	-5.6
WAMgdMu	12.70	-.72	-5.4

Most active	VOLUME (IN 00S)	LAST	% CHG
GenElec	1083004	7.57	+8
FordM	578046	7.65	-2.0
BkofAm	562323	24.64	+1.0
AT&T Inc	461025	28.54	+3
FstRepBk	299834	86.90	-1.2
BarrickG	226953	13.54	+3.2
Citigroup	193146	52.06	+4
Schlmbrg	192043	36.08	-1.4
Pfizer	191524	43.65	+1.6
SCANA	178244	47.78	-2.3

Nasdaq

Volume	2,037,642,707
Advanced	1,348,895,962
Declined	612,950,181
Unchanged	75,796,564

Gainers	LAST	CHG	% CHG
Travelzoo	9.83	+1.89	+23.8
TwoRvrBc	15.26	+2.86	+23.1
OrchTher n	15.73	+2.70	+20.7
IntegMed n	6.46	+1.03	+19.0
GoldBull n	6.50	+1.00	+18.2
MarkerTh	5.55	+78	+16.4
PortolaPh	19.52	+2.43	+14.2
SprBkPh n	10.39	+1.27	+13.9
SellIntCon n	7.52	+.91	+13.8
CryoPort rs	11.03	+1.33	+13.7

Losers	LAST	CHG	% CHG
NF EngSv	15.73	-3.27	-17.2
MarinSft rs	5.31	-.81	-13.2
Iridium pfB	631.43	-93.02	-12.8
OptiNose n	6.20	-.72	-10.4
LiveVent rs	6.72	-.69	-9.3
UtdBOH	20.02	-1.98	-9.0
ItermTh n	5.01	-.49	-8.9
Conifer23 n	21.00	-2.00	-8.7
Digimarc	14.50	-1.34	-8.5
SperoTh n	6.15	-.52	-7.8

Most active	VOLUME (IN 00S)	LAST	% CHG
AMD	844543	18.46	+3.6
Apple Inc	344903	157.74	+1.0
Microsoft	331605	101.57	+1.2
Facebook	245467	131.09	-1.6
Comcast s	216132	34.05	-.3
MicronT	209781	31.73	+5
Cisco	205803	43.33	+1.3
Intel	204847	46.93	+4
ID.com	194033	20.93	-3.6
SiriusXM	165764	5.71	-.2

Northwest stocks

Gainers	LAST	CHG	% CHG
Intellicheck	2.14	+0.06	+2.9
PopeResourc	65.50	+1.76	+2.8
Expeditors	68.09	+1.71	+2.6
FLIR Sys	43.54	+90	+2.1
TrueBlue	22.25	+43	+2.0
Boeing	322.50	+6.12	+1.9
Radiant Logist	4.25	+.07	+1.7
RiverviewB	7.28	+12	+1.7
Cray	21.59	+36	+1.7

Losers	LAST	CHG	% CHG
Digimarc	14.50	-1.34	-8.5
TimberlandB	22.30	-1.70	-7.1
Alpine ImmSci	3.68	-.23	-5.9
Data IO	5.00	-.22	-4.2
Omeros	11.14	-.44	-3.8
JewettCam	7.11	-.23	-3.1
SoundFinan	32.55	-.95	-2.8
eXp World Hldg	7.08	-.17	-2.3
KeyTronic	5.65	-.09	-1.6

Most active	VOLUME (IN 00S)	LAST	% CHG
Microsoft	331605	101.57	+1.2
MicronT	209781	31.73	+5
Starbucks	76896	64.40	+1.6
Amazon	694121	501.97	+1.6
Weyerhaeaus	63368	21.86	+1
Nike	55182	74.14	+1.1
HeclaMin	42697	2.36	+1.3
Boeing	35512	322.50	+1.9
T-MobileUS	31124	63.61	+6

Northwest Stocks

Prices for most active publicly held companies in Washington, Oregon and Idaho. Footnote definitions: <http://markets.ap.org/footnotes.htm>

COMPANY	DIV/YIELD	LOW	52-WEEK RANGE	HIGH	LAST	NET CHG	% CHG
Achieve LifeSci	.../...	1.05	◆	32.00	1.21	+.01	+1.3
Alaska Air	1.28/2.1	57.42	◆	75.46	60.85	+.54	+0.9
AlderBio	.../...	9.44	◆	20.87	10.25	+.08	+0.8
Alpine ImmSci	.../...	3.91	◆	11.74	3.68	-.23	-5.9
Amazon	.../...	1170.51	◆	2050.50	1501.97	+23.95	+1.6
Apptio	.../...	22.21	◆	41.36	37.96	+.02	+0.1
AptevoTher	.../...	1.21	◆	6.35	1.27	-.04	-3.1
Atossa	.../...	0.80	◆	10.68	1.02	+.03	+3.0
Avalara	.../...	28.09	◆	59.40	31.15	+.02	+0.1
Avista	1.49/3.5	42.13	◆	52.91	42.48	-.03	-0.1
Banner Corp	1.52f/2.8	48.50	◆	67.11	53.48	-.16	-0.3
BarrettBus	1.00/1.7	53.10	◆	98.76	57.25	+.24	+0.4
BioLife Solutions	.../...	4.63	◆	26.35	12.03	-.15	-1.2
Boeing	8.22f/2.5	292.47	◆	394.28	322.50	+6.12	+1.9
BoiseCascad	0.28/1.2	22.00	◆	49.30	23.85	+.38	+1.6
Bsquare	.../...	1.57	◆	4.68	1.55	-.17	-9.9
CTI BioPharm	.../...	0.60	◆	5.36	.73	-.07	-8.3
CUI Global	.../...	1.17	◆	3.28	1.23
ClearSign	.../...	0.77	◆	3.60	1.02	-.05	-4.7
Clearwater	.../...	21.55	◆	50.60	24.37	-.21	-0.9
Coastal Fincl	.../...	11.85	◆	18.90	15.23	-.18	-1.2
ColumbBank	1.04a/2.9	31.35	◆	46.71	36.29	+.15	+0.4
ColumbSport	0.96f/1.1	70.36	◆	95.74	84.09	-.34	-0.4
Costco	2.28/1.1	175.79	◆	245.16	203.71	+1.67	+0.8
CraftBrew	.../...	13.99	◆	21.00	14.31	+.21	+1.5
Cray	.../...	18.76	◆	28.60	21.59	+.36	+1.7
Data IO	.../...	4.27	◆	12.52	5.00	-.22	-4.2
Digimarc	.../...	14.09	◆	39.95	14.50	-1.34	-8.5
eXp World Hldg	.../...	6.61	◆	19.72	7.08	-.17	-2.3
ElectroSci	.../...	13.92	◆	29.98	29.96	+.05	+0.2
eMagin	.../...	0.85	◆	2.05	1.03	+.02	+2.0
Esterline	.../...	67.15	◆	122.14	121.45	+.01	...
Expedia	1.28/1.1	98.52	◆	139.77	112.65	-.64	-0.6
Expeditors	0.90f/1.3	59.10	◆	78.16	68.09	+1.71	+2.6
F5 Networks	.../...	131.31	◆	199.71	162.03	+1.40	+0.9
FLIR Sys	0.64/1.5	40.52	◆	63.88	43.54	+.90	+2.1
FS Bancorp	0.56/1.3	41.25	◆	66.40	42.88	+.64	+1.5
FirstFinNW	0.32/2.1	13.13	◆	21.82	15.47	-.08	-0.5
Fortive	0.28/4	62.89	◆	88.34	67.66	+.96	+1.4
Funko Inc	.../...	6.11	◆	31.12	13.15	+.04	+0.3
Greenbrier	1.00f/2.5	37.44	◆	64.87	39.54	+.33	+0.8
HeclaMin	0.01e/4	2.17	◆	4.63	2.36	+.03	+1.3
HeritageFin	0.68f/2.3	27.98	◆	37.40	29.72	-.15	-0.5
HomeStreet	.../...	20.52	◆	32.60	21.23	-.35	-1.6
Idacorp	2.52f/2.7	79.59	◆	102.44	93.06	+.52	+0.6
ImmuneDes	.../...	1.10	◆	5.05	1.30	+.01	+0.8
Impinj	.../...	9.95	◆	28.48	14.55	+.02	+0.1
Intellicheck	.../...	1.50	◆	2.89	2.14	+.06	+2.9
IsoRay	.../...	0.27	◆	1.22	.30	-.02	-6.3
Ittron	.../...	44.35	◆	77.40	47.29	+.26	+0.6
JewettCam	.../...	6.50	◆	10.00	7.11	-.23	-3.1
KeyTronic	.../...	5.33	◆	8.60	5.65	-.09	-1.6
Lattice	.../...	5.05	◆	8.90	6.92	+.11	+1.6
LithiaMot	1.16/1.5	67.90	◆	127.99	76.33	+.99	+1.3
Marchex	0.50e/...	2.47	◆	3.20	2.65
MicronT	.../...	28.39	◆	64.66	31.73	+.16	+0.5
Microsoft	1.84/1.8	83.83	◆	116.18	101.57	+1.18	+1.2
Microvision	.../...	0.51	◆	1.85	.60	-.03	-4.1
nLIGHT Inc	.../...	16.25	◆	43.63	17.78	+.11	+0.6
NanoString	.../...	5.87	◆	18.86	14.83	+.24	+1.6
Nautilus	.../...	10.04	◆	17.20	10.90	-.18	-1.6
Nike	0.88f/1.2	62.09	◆	86.04	74.14	+.80	+1.1
Nordstrom	1.48a/3.2	43.70	◆	67.75	46.61	+.56	+1.2
NWNatHldg	1.90f/3.1	51.50	◆	71.29	60.46	+.31	+0.5
NWPipe	.../...	16.52	◆	25.05	23.29	-.02	-0.1
Omeros	.../...	8.36	◆	27.00	11.14	-.44	-3.8
Paccar	1.28f/2.2	53.43	◆	79.69	57.14	+.05	+0.1
PapaMurph	.../...	4.28	◆	5.84	4.75	-.05	-1.0
PetIQ	.../...	17.56	◆	43.93	23.47	-.09	-0.4
PopeResourc	4.00f/6.1	62.50	◆	73.50	65.50	+1.76	+2.8
PortlandGen	1.45/3.2	39.02	◆	50.40	45.85	+.35	+0.8
PotlatchDeltic	1.60/5.1	28.07	◆	55.75	31.64	+.32	+1.0
Radiant Logist	.../...	3.46	◆	6.15	4.25	+.07	+1.7
RealNetwork	.../...	1.80	◆	3.91	2.31	+.02	+0.9
RedLionH	.../...	6.92	◆	14.75	8.20	+.08	+1.0
Redfin	.../...	13.50	◆	31.50	14.40	-.06	-0.4
RiverviewB	0.16f/2.2	5.46	◆	9.99	7.28	+.12	+1.7
Schmitt	.../...	1.91	◆	4.12	2.82	-.02	-0.7
Schnitzer	0.75/3.5	21.14	◆	38.85	21.55	-.26	-1.2
SeattleGen	.../...	47.75	◆	84.37	56.66	+.82	+1.5
Smartsheet	.../...	18.06	◆	33.98	24.86	+.07	+0.3
SoundFinan	0.56/1.7	32.01	◆	40.87	32.55	-.95	-2.8
Starbucks	1.44/2.2	47.37	◆	68.98	64.40	+1.01	+1.6
T-MobileUS	.../...	55.09	◆	70.94	63.61	+.37	+0.6
Tableau	.../...	69.75	◆	131.82	120.00	+1.74	+1.5
TimberlandB	0.52a/2.3	22.08	◆	39.45	22.30	-1.70	-7.1
TrueBlue	.../...	20.56	◆	29.85	22.25	+.43	+2.0
Trupanion	.../...	22.38	◆	46.70	25.46	+.32	+1.3
USEcology	0.72/1.1	44.90	◆	77.15	62.98	+.98	+1.6
Umpqua	0.84/5.3	15.09	◆	24.89	15.90	-.05	-0.3
WashFed	0.72/2.7	24.67	◆	37.70	26.71	+.40	+1.5
Weyerhaeaus	1.36/6.2	20.52	◆	38.39	21.86	+.03	+0.1
WillametteV	0.22p/...	6.66	◆	8.55	6.89	+.03	+0.4
Zillow	.../...	26.20	◆	65.42	31.43	+.16	+0.5
Zumiez	.../...	17.57	◆	32.70	19.17	+.16	+0.8